



OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400
Facsimile: (703) 836-2787

PATENT APPLICATION

Attorney Docket No.: 109279

AMENDMENT TRANSMITTAL

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2827

Application No.: 09/807,601

Examiner: J. H. Alcalá

Filed: April 16, 2001

For: INTERCONNECT SUBSTRATE AND METHOD OF MANUFACTURE THEREOF, ELECTRONIC COMPONENT AND METHOD OF MANUFACTURE THEREOF, CIRCUIT BOARD AND ELECTRONIC INSTRUMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE		RATE	ADD'L FEE
TOTAL CLAIMS	* 41 MINUS	**39	= 2	x 9	\$		x 18	\$ 36
INDEP CLAIMS	* 4 MINUS	***4	= 0	x 42	\$		x 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+140	\$	OR	+280	\$
					\$			\$ 36

- * If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.
☒ Check No. 141527 in the amount of \$36.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Gerhard W. Thielman
Registration No. 43,186

JAO:GWT/lrd

Date: April 22, 2003



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2827

Application No.: 09/807,601

Examiner: J. H. Alcala

Filed: April 16, 2001

Docket No.: 109279

For: INTERCONNECT SUBSTRATE AND METHOD OF MANUFACTURE THEREOF,
ELECTRONIC COMPONENT AND METHOD OF MANUFACTURE THEREOF,
CIRCUIT BOARD AND ELECTRONIC INSTRUMENT

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In reply to the January 22, 2003 Office Action, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 1-3 as follows:

1. (Amended) An interconnect substrate comprising:

a first substrate on which a first interconnect pattern is formed; and

a second substrate on which a second interconnect pattern is formed, wherein

the first and second substrates are disposed so as to overlap each other but so

as not to be in contact with each other;

at least one of the first interconnect pattern and the second interconnect pattern

has a mounting region for an electronic chip; and

the first interconnect pattern and the second interconnect pattern are

electrically connected.